## We claim:

1. Aromatic-based siloxane macromonomers comprising:

wherein the R groups may be the same or different aromatic-based substituents;  $R_1$  is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number.

2. The macromonomer of claim 1 wherein said R groups may be the same or different C<sub>6-30</sub> aromatic-based substituents.

3. The macromonomer of claim 1 wherein said R groups may be the same or different aromatic-based substituents selected from the group consisting of

- 4. The macromonomer of claim 1 wherein said R<sub>1</sub> groups may be the same or different aromatic-based substituents or alkyl substituents.
- 5. The macromonomer of claim 1 wherein said  $R_1$  groups may be the same or different  $C_{6-30}$  aromatic-based substituents or  $C_{1-4}$  alkyl substituents.
- A polymeric composition produced through the polymerization of one or more macromonomers of claim 1.
- A polymeric composition produced through the copolymerization of one or more macromonomers of claim 1 with one or more non-siloxy aromatic-based monomers.
- A polymeric composition produced through the copolymerization of one or more macromonomers of claim 1 with one or more non-aromatic-based hydrophobic monomers.
- A polymeric composition produced through the copolymerization of one or more macromonomers of claim 1 with one or more non-aromatic-based hydrophilic monomers.

- 10. A method of producing the aromatic-based siloxane macromonomers of claim 1 comprising: polymerizing a hydride functionalized cyclic siloxane with a methacrylate-capped disiloxane to form a hydride containing siloxane; and hydrosilylizing with a catalyst and an allylic functionalized aromatic, said hydride containing siloxane.
- 11. The polymeric compositions of claim 7 wherein said one or more non-siloxy aromatic-based monomers are selected from the group consisting of 2-phenyloxyethyl methacrylate, 3,3-diphenylpropyl methacrylate, 2-(1-naphthylethyl methacrylate) and 2-(2-naphthylethyl methacrylate).
- 12. The polymeric compositions of claim 8 wherein said one or more non-aromatic-based hydrophobic monomers are selected from the group consisting of 2-ethylhexyl methacrylate, 3-methacryloyloxypropyldiphenylmethylsilane and 2-phenyoxyethyl methacrylate.

- 13. The polymeric compositions of claim 9 wherein said one or more nonaromatic-based hydrophilic monomers are selected from the group consisting of N,N-dimethylacrylamide and methyl methacrylate.
- 14. A method of producing ophthalmic devices from the polymeric compositions of claim 6, 7, 8 or 9 comprising: casting one or more polymeric compositions in the form of a rod; lathing or machining said rod into disks; and lathing or machining said disks into ophthalmic devices.
- 15. A method of producing ophthalmic devices from the polymeric compositions of claim 6, 7, 8 or 9 comprising: pouring one or more polymeric compositions into a mold prior to curing; curing said one or more polymeric compositions; and removing said one or more polymeric compositions from said mold following curing thereof.
- 16. A method of using the ophthalmic device of claim 14 or 15 comprising: making an incision in the cornea of an eye; and implanting said ophthalmic device within the eye.

- 17. The method of claim 14, 15 or 16 wherein said ophthalmic device is an intraocular lens or corneal inlay.
- 18. The method of claim 14 or 15 wherein said ophthalmic device is a contact lens.
- 19. The polymeric composition of claim 6, 7, 8 or 9 wherein one or more strengthening agents are added prior to polymerization or copolymerization selected from the group consisting of cycloalkyl acrylates and methacrylates.
- 20. The polymeric composition of claim 6, 7, 8 or 9 wherein one or more crosslinking agents are added prior to polymerization or copolymerization selected from the group consisting of diacrylates and dimethacrylates of triethylene glycol, butyl glycol, hexane-1,6-diol, thio-diethylene glycol, ethylene glycol and neopentyl glycol, N,N'-dihydroxyethylene bisacrylamide, diallyl phthalate, triallyl cyanurate, divinylbenzene, ethylene glycol divinyl ether, N,N'-methylene-bis-(meth)acrylamide, sulfonated divinylbenzene and divinylsulfone.